

The following were developed by Dennis Thomas, University of Illinois, Department of Agronomy, 1102 S. Goodwin Avenue, Urbana, Illinois 61801, United States; C.D. Nickell, University of Illinois, Department of Agronomy, 1102 S. Goodwin Avenue, Urbana, Illinois 61801, United States; Greg Noel, USDA-ARS, University of Illinois, Department of Plant Pathology, Urbana, Illinois 61801, United States; P.A. Owen, Missouri Agr. Exp. Sta., University of Missouri, Columbia, Missouri 65211, United States; K. Frey, University of Illinois, Department of Agronomy, 1102 S. Goodwin Avenue, Urbana, Illinois 61801, United States. Received 02/18/1994.

PI 578057. *Glycine max* (L.) Merr.

Cultivar. "SALINE". CV-324. Pedigree - F4 selection from Sherman x Fayette. Flowers white. Pubescence gray. Pods tan at maturity. Seeds dull yellow with buff hila. 100-seed weight 14.4g with 40.2% seed protein and 22.2% oil. Group III maturity (relative maturity 3.9). Plant height 102cm. Resistant to soybean cyst nematode (*Heterodera glycines*) Races 3 and 14. Moderately resistant to Races 2 and 4 and susceptible to Races 1 and 5.

The following were developed by R.C. Leffel, USDA, ARS, Soybean and Alfalfa Res. Lab., PSI, Bldg. 011, HH 19, BARC-West, Beltsville, Maryland 20705, United States. Received 02/18/1994.

PI 578058. *Glycine max* (L.) Merr.

Genetic. BARC-12; MD 91L-048. GP-169. Pedigree - N85 - 2176 X N85 - 2124. Both lines from N78-2245 X PI 123440. N78-2245 derived from a 5th cycle of recurrent selection for high oleic acid. Linolenic acid low (18:3) in the oil. Group III maturity. Flowers white. Pubescence tawny. Stem termination determinate. Seed yellow with black hila.

The following were donated by Jimmie D. Miller, USDA-ARS, Sugarcane Field Station, Star Route Box 8, Canal Point, Florida 33438, United States. Received 02/01/1994.

PI 578059. *Saccharum spontaneum* L.

Cultivated. S 66-101. Collected in Taiwan.

PI 578060. *Saccharum spontaneum* L.

Cultivated. IK 76-112. Collected in Australia. Brisbane.

PI 578061. *Saccharum spontaneum* L.

Cultivated. IND. 82-318. Collected in India. Coimbatore.

PI 578062. *Saccharum spontaneum* L.

Cultivated. MOL 1032. Collected in Queensland, Australia.

PI 578063. *Saccharum spontaneum* L.

Cultivated. IJ 76-125. Collected in Queensland, Australia.

The following were developed by Jimmie D. Miller, USDA-ARS, Sugarcane Field Station, Star Route Box 8, Canal Point, Florida 33438, United States. Received 02/01/1994.

PI 578064. *Saccharum spontaneum* L.

Cultivated. IS 76-171. Collected in Indonesia.

The following were developed by K. B. Singh, Int. Center For Agricultural Research in the Dry Areas, P.O. Box 5466, Aleppo, Syria; M.V. Reddy, Int.